

L4 ANSWER 60 OF 321 CA COPYRIGHT 2004 ACS on STN  
AN 136:41617 CA  
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TI Light-insulating mortar compositions containing cement,  
fly ash, alumina, swelling agent and set  
accelerator for improved setting rate, curing and reduced shrinkage  
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LA Korean  
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CC 58-3 (Cement, Concrete, and Related Building Materials)  
PAN.CNT 1

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PI	KR 2000014685	A	20000315	KR 1998-34228	19980824
PRAI	KR 1998-34228			19980824	

AB Light-insulating mortar compns. with improved setting rate, d., curing  
properties and shrinkage resistance are prep'd. The insulating mortar  
compns. consist of 50-70 wt.% cement, 30-50 wt.% fly  
ash, 1-10 wt.% swelling agent, 0.01-0.5 wt.% alumina,  
0.1-0.8 wt.% set-accelerator (sodium carbonate), and 0.01-0.1 wt.%  
cellulose ester. The swelling agent is a mixt. of calcium sulfoaluminate  
and calcium sulfate or calcium oxide, a mixt. of alumina  
cement and gypsum, a mixt. of calcium aluminate and  
calcium sulfate and/or a mixt. of calcia and magnesia.  
ST light insulating mortar compn setting rate curing shrinkage;  
cement flyash swelling agent alumina set accelerator  
mortar compn